

## CLAIMS

- 1 1. An emergency call placement method for user equipment in idle mode  
2 camped on a first cell of a wireless communication network having a first radio  
3 access technology comprising the steps of:  
4 requesting a radio resource control connection using "emergency call" as an  
5 establishment request;  
6 changing to a new cell in a different steering area than the first cell; and  
7 requesting again a radio resource control connection using "emergency  
8 call" as an establishment request.
- 1 2. A method according to claim 1 further comprising the steps of:  
2 receiving a radio resource control connection setup message, after the step  
3 of requesting again;  
4 completing a radio resource control connection setup, after the step of  
5 receiving; and  
6 sending a connection management service request using "emergency call  
7 establishment" as a service type.
- 1 3. A method according to claim 1 wherein the new cell is in a different  
2 location area than the first cell.
- 1 4. A method according to claim 3 wherein the step of changing changes to the  
2 new cell without performing a location area update.
- 1 5. A method according to claim 3 wherein the new cell is in a different routing  
2 area than the first cell.
- 1 6. A method according to claim 5 wherein the step of changing changes to the  
2 new cell without performing a routing area update.

- 1 7. A method according to claim 1 wherein the new cell is in a different routing  
2 area than the first cell.
- 1 8. A method according to claim 7 wherein the step of changing changes to the  
2 new cell without performing a routing area update.
- 1 9. A method according to claim 1 wherein the step of changing comprises  
2 redirecting to a new cell.
- 1 10. A method according to claim 1 wherein the step of changing comprises  
2 reselecting to a new cell.
- 1 11. A method according to claim 1 wherein the new cell has a same carrier  
2 frequency as the first cell.
- 1 12. A method according to claim 1 wherein the new cell has a different carrier  
2 frequency than the first cell.
- 1 13. A method according to claim 1 wherein the new cell has a second radio  
2 access technology.
- 1 14. A method according to claim 13 wherein the first radio access technology is  
2 wideband code division multiplex access (WCDMA).
- 1 15. A method according to claim 13 wherein the second radio access  
2 technology is Global System for Mobile Communication (GSM).

1 16. A method for user equipment (UE) in idle mode camped on an old cell to  
2 place a call with a wireless communication network comprising the steps of:  
3 (a) requesting a radio resource control connection using "emergency call" as an  
4 establishment cause;  
5 (b) redirecting to a new cell in a different steering area than the old cell and  
6 returning to step (a), if a radio resource control connection reject message  
7 has been received from the wireless communication network with  
8 redirection to a new frequency;  
9 (c) redirecting to a new cell in a different steering area than the old cell and  
10 returning to step (a), if a radio resource control connection reject message  
11 has been received from the wireless communication network with  
12 redirection to a new radio access technology;  
13 (d) reselecting to a new call in a different steering area than the old cell and  
14 returning to step (a), if a neighboring cell provides better service;  
15 (e) completing a radio resource control connection setup, if a radio resource  
16 control connection setup message has been received from the wireless  
17 communication network; and  
18 (f) sending a connection management service request using "emergency call  
19 establishment" as a service type.

1 17. A method according to claim 16 wherein the step (b) returns to step (a)  
2 without performing a steering area update.

1 18. A method according to claim 16 wherein the step (c) returns to step (a)  
2 without performing a steering area update.

1 19. A method according to claim 16 wherein the step (d) returns to step (a)  
2 without performing a steering area update.

1    20.    A method for user equipment (UE) in idle mode camped on an old cell to  
2    place a call with a wireless communication network comprising the steps of:  
3    (a)    requesting a radio resource control connection using "emergency call" as an  
4    establishment cause; and  
5    (b)    changing to a new cell in a different steering area than the old cell and  
6    returning to step (a).

1    21.    A method according to claim 20 further comprising the step of:  
2    (c)    completing a radio resource control connection setup, if a radio resource  
3    control connection setup message has been received from the wireless  
4    communication network; and  
5    (d)    sending a connection management service request using "emergency call  
6    establishment" as a service type.

1    22.    A method according to claim 20 wherein the step (b) returns to step (a)  
2    without performing a steering area update.